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From:

Jacqueline J. Garner

Texas Instruments Incorporated

Facsimile: 972-917-4418 Phone: 214-532-9348

OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Fred D. Bailey et al.

Art Unit:

2815

Serial No.:

09/452,691

Examiner:

J. A. Fenty

Filing Date:

12/02/1999

Docket No.:

TI-27935

Customer No.:

23494

Conf. No.:

July 7, 2004

Date

1638

Title: AN INTEGRATED CIRCUIT HAVING A THIN FILM RESISTOR LOCATED WITHIN A MULTILEVEL DIELECTRIC BETWEEN AN UPPER AND LOWER METAL INTERCONNECT LAYER

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at **703-872-9306** on the date shown below:

Jacqueline J. Gamer, Reg. No. 36,144

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FACSIMILE COVER SHEET

X FACSIMILE COVE NEW APPLICATIO DECLARATION (# ASSIGNMENT (# F FORMAL DRAWIN INFORMAL DRAWIN CONTINUATION A DIVISIONAL APP'N	N Pages) Pages) GS INGS PP'N (# Pages)	X AMENDMENT (9 Pages) X EOT 3mth (3 Pages) NOTICE OF APPEAL (# Pages) APPEAL (# Pages) ISSUE FEE (# Pages) REPLY BRIEF (IN TRIPLICATE) (# Pages) X Amendment Fee Sheet (3 pages)					
NAME OF INVENTOR(S):		RECEIPT DATE & SERIAL NO.:					
Bailey		Serial No.: 09/452,691 Filing Date: 12/02/1999					
TITLE OF INVENTION: AN INTEGRATED CIRCU	T HAVING	Conf. No.: 1638					
TI FILE NO.:	DEPOSIT ACCT. NO.:						
TI-27935	20-0668						
FAXED: 7/7/2004 DUE: 4/12/2004 ATTY/SEC'Y: JJG							

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Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75074

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AN INTEGRATED CIRCUIT HAVING A THIN FILM RESISTOR LOCATED WITHIN A MULTILEVEL DIELECTRIC BETWEEN AN UPPER AND LOWER METAL

INTERCONNECT LAYER

Amendment Fee

Assistant Commissioner of Patents

P. O. Box 1450

Alexandria, VA 22313-1450

July 7, 2004

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-872-9306 on the date

shown below

Jacqueline J. Garner, Reg. No. 36,144

July 7, 2004

Dear Sir:

Transmitted herewith is an amendment in the above-identified Application. The Fee has been calculated as shown below.

CLAIMS AS AMENDED							
	Claims remaining after amendment		Highest Number Previously Paid for	Present Extra	Rate	Additional Fee	
TOTAL	10	Minus	20	= 0	x \$18	\$ 00.00	
Independent Claims	4	Minus	3	= 1	x \$86	\$ 86.00	
Total Additional Fee for this Amendment					\$ 86.00		

Charge the total additional fee, and any further fees, or credit any overpayment to Deposit Account No. 20-0668. Three copies of this sheet are enclosed.

Texas Instruments Incorporated P. O. Box 655474, MS 3999 Dallas, Texas 75265

Respectfully Submitted,

acqueline J. Garner Reg. No. 36,144

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Ja / 2 ___

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Texas Instruments Incorporated P. O. Box 655474, MS 3999 Dallas, Texas 75265

Respectfully Submitted,

Jacqueline J. Garner Reg. No. 36,144

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Fred D. Bailey et al.

Art Unit:

2815

Serial No.:

09/452.691

Examiner: Docket No.:

J. A. Fenty TI-27935

Filing Date:

12/02/1999

Conf. No.:

1638

Customer No.: 23494

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-872-9306 on the date

Title: AN INTEGRATED CIRCUIT HAVING A THIN FILM RESISTOR LOCATED WITHIN A MULTILEVEL DIELECTRIC BETWEEN AN UPPER AND LOWER METAL

INTERCONNECT LAYER

Amendment Fee

Assistant Commissioner of Patents

P. O. Box 1450

Alexandria, VA 22313-1450

July 7, 2004

July 7, 2004

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Texas Instruments Incorporated P. O. Box 655474, MS 3999 Dallas, Texas 75265

Respectfully Submitted.

lacquetine J. Garner Reg. No. 36,144

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AN INTEGRATED CIRCUIT HAVING A THIN FILM RESISTOR LOCATED WITHIN A MULTILEVEL DIELECTRIC BETWEEN AN UPPER AND LOWER METAL

INTERCONNECT LAYER

AMENDMENT UNDER 37 CFR 1.111

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at (703) 872 - 9306 on 7/7/2004.

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Jacqueline J Sarner Reg No. 38,144

Dear Sir:

The following amendments and remarks are offered in response to the Examiner's Office Action dated 01/12/2004. They are respectfully submitted as a full and complete response to that Action.

Please amend the above-referenced application as follows:

There are no Amendments to the Specification.

Amendments to the Claims are reflected in the listing of claims that begin on page 2 of this paper.

There are no Amendments to the Drawings.

The **Remarks** begin on page 5.